

7000 GeV pp

Soft QCD

Charged EF -- diffractive enriched events, $\sqrt{s}=7$ TeV

- LHCb
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.165 default

Charged $1/N_{\text{int}} dE/d\eta$ [GeV] 10^2

10

1

2

Ratio to LHCb

0.5

2

3

4

 η

(LHCb_2013_I1208105)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5